

What is claimed is:

1. A thermoplastic polymer blend, comprising:
 - (a) a polyester,
 - 5 (b) a polycarbonate, and
 - (c) a minor amount of a thermoplastic vulcanizate
2. The blend of Claim 1, further comprising one or both of
 - (d) a core/shell additive having an elastomeric core and
 - 10 (e) a linear terpolymer of ethylene, alkyl (meth)acrylate, and a monomer which contains a heterocycle containing one oxygen atom as the hetero-atom.
3. The blend of Claim 1 or Claim 2, wherein the polyesters comprise
 - 15 polyethylene terephthalate (PET), polypropylene terephthalate (PPT), polybutylene terephthalate (PBT), poly(ethylene-2,6-naphthalate) (PEN), polypropylene naphthalate (PPN), poly(1,4-cyclohexanedimethanol terephthalate) (PCT), polyethylene naphthalate dibenzoate (PENDB), or polybutylene naphthalate (PBN).
- 20 4. The blend of any of Claims 1-3, wherein the thermoplastic vulcanizate comprises partially or fully crosslinked EPDM as the elastomer phase.
- 25 5. The blend of any of Claims 2-4, wherein the core/shell additive comprises a n-octyl acrylate rubber core and a polymethylmethacrylate shell.
6. The blend of Claim 4,
 - wherein the amount of thermoplastic vulcanizate ranges from about 3 to
 - 30 about 40 weight percent of the blend;

7. The blend of Claim 2,
wherein the amount of core/shell additive ranges from 0 to about 10
weight percent of the blend; and

5 wherein the amount of linear terpolymer ranges from 0 to about 10
weight percent of the blend.

8. The blend of any of Claims 1-7, further comprising optional additives
selected from the group consisting of slip agents, antiblocking agents,
10 antioxidants, ultraviolet light stabilizers, quenchers, dyes and pigments,
plasticizers, mold release agents, lubricants, antistatic agents, fire retardants,
fillers, and combinations thereof.

9. The blend of Claim 8, wherein the fillers comprise glass fibers, talc,
15 chalk, or clay.

10. The blend of Claim 9, wherein the clay is a nanoclay.

11. An article made from the blend of any of Claims 1-10.
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[Received by the International Bureau on 12 July 2005 (12.07.2005):
original claims 1-11 replaced by amended claims 1-10]

What is claimed is:

1. A thermoplastic polymer blend, comprising:
 - (a) a polyester,
 - (b) a polycarbonate, and
 - 5 (c) a minor amount of a thermoplastic vulcanizate,
and further comprising one or both of
 - (d) a core/shell additive having an elastomeric core and
 - (e) a linear terpolymer of ethylene, alkyl (meth)acrylate, and a monomer
which contains a heterocycle containing one oxygen atom as the hetero-
10 atom.
2. The blend of Claim 1, wherein the polyesters comprise polyethylene
terephthalate (PET), polypropylene terephthalate (PPT), polybutylene terephthalate
(PBT), poly(ethylene-2,6-naphthalate) (PEN), polypropylene naphthalate (PPN),
15 poly(1,4-cyclohexanedimethanol terephthalate) (PCT), polyethylene naphthalate
dibenzoate (PENDB), or polybutylene naphthalate (PBN).
3. The blend of Claim 1, wherein the thermoplastic vulcanizate comprises
partially or fully crosslinked EPDM as the elastomer phase.
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4. The blend of Claim 1, wherein the core/shell additive comprises a n-octyl
acrylate rubber core and a polymethylmethacrylate shell.
5. The blend of Claim 4,
25 wherein the amount of thermoplastic vulcanizate ranges from about 3 to
about 40 weight percent of the blend;
6. The blend of Claim 1,

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wherein the amount of core/shell additive ranges from 0 to about 10 weight percent of the blend; and

wherein the amount of linear terpolymer ranges from 0 to about 10 weight percent of the blend.

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7. The blend of Claim 1, further comprising optional additives selected from the group consisting of slip agents, antiblocking agents, antioxidants, ultraviolet light stabilizers, quenchers, dyes and pigments, plasticizers, mold release agents, lubricants, antistatic agents, fire retardants, fillers, and combinations thereof.

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8. The blend of Claim 7, wherein the fillers comprise glass fibers, talc, chalk, or clay.

9. The blend of Claim 8, wherein the clay is a nanoclay.

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10. An article made from the blend of Claim 1.

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AMENDED SHEET (ARTICLE 19)